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Claims

1. A method for the production of 3-amidino- or 3-guanidinophenylalanine derivatives, comprising one or more of the following measures:
- (a) use of 3-cyanobenzyl bromide as starting material, which is reacted with an N-protected aminomalonic diester to give an N-protected cyanophenylalanine;
- (b) workup of the product from the reaction of 3-cyanophenylalanine and an optionally substituted phenylsulfonyl halide, in particular 2,4,6-triisopropylphenylsulfonyl (TIPPS) halide, in an aqueous medium;
- (c) reaction of a N-protected 3-cyanophenylalanine with a piperazine derivative to form an N-protected 3-cyanophenylalanine piperazide and subsequent reaction thereof with an optionally substituted phenylsulfonyl halide, in particular a TIPPS halide;
- (d) reaction of 3-cyanophenylalanine with a quaternary ammonium hydroxide compound to give a 3-cyanophenylalanine ammonium salt and subsequent reaction thereof with an optionally substituted phenylsulfonyl halide, in particular a TIPPS halide or/and
- (e) reaction of 3-cyanophenylalanine with a trialkylsilane compound to give a 3-cyanophenylalanine trialkylsilyl ester and subsequent reaction thereof with an optionally substituted phenylsulfonyl halide.
2. The method as claimed in claim 1, characterized in that an N-acyl-protected aminomalonic diester, in particular an acetamidomalonic diester, is used in measure (a).

3. The method as claimed in claim 1 or 2, characterized in that TIPPS-Cl is used in measure (b), (c), (d) or (e).
- 5 4. The method as claimed in any of claims 1 to 3, characterized in that N-ethoxycarbonylpiperazine is used as piperazine derivative in measure (c).
- 10 5. The method as claimed in any of claims 1 to 4, characterized in that N α -(2,4,6-triisopropylphenylsulfonyl)-3-amidino-(D,L)-phenylalanine 4-ethoxycarbonylpiperazide, N α -(2,4,6-triisopropylphenylsulfonyl)-3-guanidino-(D,L)-phenylalanine 4-ethoxycarbonylpiperazide or the
- 15 L enantiomers thereof are prepared.